

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(n))

Attorney Docket No. 019680-00600US

First Inventor Diard, Franck R.

Title ADAPTIVE LOAD BALANCING IN A MULTI-PROCESSOR GRAPHICS PROCESSING SYSTEM

Express Mail Label No. EV 330854010 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning design patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)  
Applicant claims small entity status.  
See 37 CFR 1.27.
2. ☐
3. ☒ Specification [Total Pages 29]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table, or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 6]  
5. Oath or Declaration [Total Pages 2]  
a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)  
c. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR 1.63(d)(2) and 1.133(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper number of pages  
c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9. ☐ Assignment Papers (cover sheet & document(s))(COPY)  
10. ☐ 37 CFR 3.73(b) Statement of Attorney (when there is an assignee) ☐ Power of Attorney  
11. ☐ English Translation Document (if applicable)  
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations  
13. ☐ Preliminary Amendment  
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)  
16. ☒ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent  
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_\_  
Prior application information: Examiner \_\_\_\_\_ Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number

20350

OR ☐ Correspondence address below

Name

Address

City

State

Zip Code

Country

Telephone

Fax

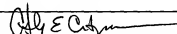
Name (Print/Type)

Cathy E. Cretsinger

Registration No. (Attorney/Agent)

51,588

Signature



Date

8/18/03

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments in the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450. 60019467 v1 If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

10/642905  
08/18/03  
PTO

# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

Express Mail # EV 330854010 US

TOTAL AMOUNT OF PAYMENT (\$) 876

Application Number NYA  
Filing Date  
First Named Inventor Diard, Franck R.  
Examiner Name NYA  
Art Unit NYA  
Attorney Docket No. 019680-006400US

**METHOD OF PAYMENT (check all that apply)**

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 20-1430

Deposit Account Name Townsend and Townsend and Crew LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	750
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					\$750

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 end over original patent	
SUBTOTAL (2)					\$126

\*or number previously paid, if greater; For Reissues, see above

### 3. ADDITIONAL FEES

Large	Entity	Small	Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	1051	130	Surcharge - late filing fee or oath	
1052	50	2052	25	1052	50	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	1251	110	Extension for reply within first month	
1252	410	2252	205	1252	410	Extension for reply within second month	
1253	930	2253	465	1253	930	Extension for reply within third month	
1254	1,450	2254	725	1254	1,450	Extension for reply within fourth month	
1255	1,970	2255	985	1255	1,970	Extension for reply within fifth month	
1401	320	2401	160	1401	320	Notice of Appeal	
1402	320	2402	160	1402	320	Filing a brief in support of an appeal	
1403	280	2403	140	1403	280	Request for oral hearing	
1451	1,510	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	1452	110	Petition to revive - unavoidable	
1453	1,300	2453	650	1453	1,300	Petition to revive - unintentional	
1501	1,300	2501	650	1501	1,300	Utility issue fee (or reissue)	
1502	470	2502	235	1502	470	Design issue fee	
1503	630	2503	315	1503	630	Plant issue fee	
1480	130	1480	130	1480	130	Petitions to the Commissioner	
1807	50	1807	50	1807	50	Petitions related to provisional applications	
1806	180	1806	180	1806	180	Submission of information Disclosure Sheet	
8021	40	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	1809	750	Filing a submission after final rejection (37 CFR § 1.129(d))	
1810	750	2810	375	1810	750	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	1801	750	Request for Continued Examination (RCE)	
1802	900	1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)							
*Reduced by Basic Filing Fee Paid							
SUBTOTAL (3)							\$

### SUBMITTED BY

Name (Print/Type) Cathy E. Cretlinger Registration No. (Attorney/Agent) 51,588 Telephone 415-576-0200  
Signature Date 8/18/03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2538.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. 60019473 v1  
If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-766-9199) and select option 2.

**NONPUBLICATION REQUEST  
CERTIFICATION  
UNDER**

**35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	Diard, Franck R. et al.
Title	ADAPTIVE LOAD BALANCING IN A MULTI-PROCESSOR GRAPHICS PROCESSING SYSTEM
Atty Docket Number	019680-006400US

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

8/18/03

Date

  
Signature

(415) 576-0200

Telephone Number

Cathy E. Cretsinger, #51,588

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.